

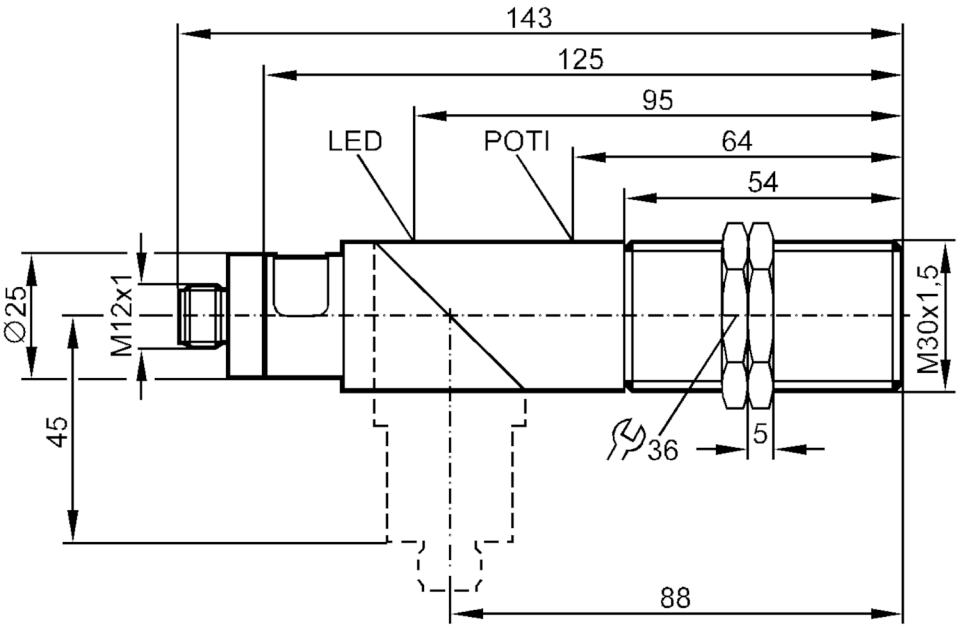
KI3501



Capacitive sensor

KIE2015-FBOA/LS-100AK/CSA RT

Article no longer available - archive entry



Product characteristics		
Output function		normally open / closed; (selectable)
Sensing range	[mm]	15
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	10; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Output function		normally open / closed; (selectable)
Max. voltage drop switching output DC	[V]	2.5
Max. voltage drop switching output AC	[V]	2.5
Permanent current rating of switching output AC	[mA]	250
Permanent current rating of switching output DC	[mA]	250
Switching frequency AC	[Hz]	40
Switching frequency DC	[Hz]	40
Overload protection		yes

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Monitoring range		
Sensing range	[mm]	15
Real sensing range Sr	[mm]	15 ± 10 %
Operating distance	[mm]	0...12.1
Accuracy / deviations		
Correction factor		glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-15...15
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5
Thread designation		M30 x 1.5
Material		PBT; end cap: PC
Displays / operating elements		
Display	Switching status	1 x LED, red
Electrical connection		
Required protection		miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting
Accessories		
Items supplied		lock nuts: 2
		screwdriver: 1
Remarks		
Remarks		Recommendation: check the unit for reliable function after a short circuit.
Pack quantity		1 pcs.

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Electrical connection - plug

Connector: 1 x 1/2"; coding: C



Note miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting